Subject index

Accelerometric assessment 193
Achilles tendon rupture 121
Acromioclavicular joint 152, 189
– injuries 189
–– surgical treatment 189
Allograft 163, 167
– bone 167
– soft tissue 163
Alumina ceramic 1
Alumina ceramic screw 296
Ankle joint 23, 175, 239, 293
– fusion 175
– ligament rupture 283
Anterior cruciate ligament 101, 109, 113, 270
– augmentation 270
– deficiency 109
– reconstruction 113
– recontruction 270
– repair 113
– rupture, child 101
– stress radiography 109
Apatite implants 275
– influence of humate 275
Atlanto axial joint 185

Bertolotti's syndrome 82
Biodegradable implants 71
Biomechanical analysis 124
Bipolar hip endoprosthesis 296
Bone cement 65
Bone cyst 167, 203
– aneurysmal 203
Bone defect 232
Bone graft 18, 167
– allograft 18
– experimental 171
– healing 171
– osteointegration 18
– thermal treatment 18
– tumor 36, 51
– virus inactivation 18
Bone healing 228, 232, 236
– nonunion 236
Bone infection 33
Bone tumor 1, 245, 255, 292
– spine 245
– sternum 255

Callus 232
– after reinjury 232
Cave foot deformity 121
CDH 131
Cementing technique 260
Ceramic head fracture 215
Cervical spine 226
– bracing 134
– children 134
– trauma 134, 226
– unilateral dislocation 226
Charcot's joints 90
Charcot-Marie-Tooth disease 175
Charnley arthroplasty 56
Chondromyxoid fribroma 255
Chondrosarcoma 245
– cervical 245
Ciprofloxacin 33
Clodronate 228
Collagen metabolites 139
CT-myelography 180

Disk herniation 180
– cervical 180
Dynamic hip screw 69

Elbow fracture 236
Electromagnetic stimulation 75

Femoral epiphysis 106
– upper, slip 106
Fibroma 167
– chondromyxoid 167
– non-ossifying 167
Fibrous dysplasia 167
Fracture callus 228, 232
Fracture healing 28, 127, 171, 193
– quantitative test 193
Funnel chest 289

Giant cell tumor 51, 167
– treatment 51
Grice arthrodesis 175
Growth cartilage 159
– electrical stimulation 159

Hallux valgus 266
Hegemann operation 289
High tibial osteotomy 239
Hip acetabular osteotomy 210
Hip fracture 280
– cervical 280
– trochanteric 280, 299
Hip joint 15, 124, 131, 155, 159, 299
–– trochanter fracture 299
– acetabulum 159
– anterior dislocation 299
– dysplasia 131
– fracture 69
– growth cartilage 159
– internal fixation 69
– revision arthroplasty 15
– rotation center 124
– traumatic dislocation 155
Hip resurfacing 257
– metal backing 257

Immune response, allogenic 163
– cellular 163
– humoral 163
Intertrochanteric osteotomy 79
Intramedullary nailing 171

Keller-Brandes operation 266
Knee joint 5, 42, 47, 136, 142, 148, 157
– arthroscopy 136
– diagnostic 5
– meniscal tear 142
– sports injuries 157
– synovitis 148
Knee replacement 139

Laser 15
– excimer laser 15
Low back pain 82
– chronic 82

M. tibialis posterior 243
– tendon dislocation 243
Magnetic resonance imaging 142
Meniscal transplantation 163
– allograft 163
Monteggia-injury 304
MRI 5, 180
– knee joint 5
– 3-D imaging 5
Myelography 180

Neuropathic deformity 175
– foot 175

Oesteopenia 127
Oesteoporosis 39
Ossification 228
Osteoarthritis 239
– knee joint 239
Osteochondrosis 23
– talus 23
Osteogenesis 75
Osteonecrosis 90
Osteoplastoma 36
– coccyx 36
Osteosarcoma 292
– nonstochastic metastasis 292
– spinal 292
Osteosynthesis 71, 79

Patella alta 157
Patella fracture 302
– child 302
Patellar tendon 42, 47
– rupture 47
–– bilateral 42
Pelvic osteotomy 210
– birth canal 210
Pelvimetry 210
Peroneal tendon sheath 283
Pirocicam 127
PLLA 33
Poly-L-lactide-acid (PLLA) 270
Polyethylene wear 56
Polyglycolide 71
Polylactide 71
Popliteal vessels 99
– arteriovenous fistula 99

Prostheses 1
– alumina ceramic 1

Quadriceps tendon 45
– rupture, traumatic 45

Radial head 304
– dislocation 304
Radioulnar joint 198, 304
– distal 198
– proximal 304
Resurfacing hip prothesis 215
Rotator cuff tear 61

Sandwich technique, ACL 113
Shoulder dislocation 201
– child 201
Shoulder joint 61
Sternocleidomasstoid muscle 205
Sternum fracture 88
– children 88
Stress fracture 39, 94, 96
– radius 39
– sesamoid 94
– tibial plateau 96
SUFE 106
Synovial chondromatosis 152
Synovitis 148
– pigmented villonodular 148
Syryngomyelia 90

Tabes dorsalis 90
Tendon repture 104, 121
– Achilles 121
– body-builder 104
– m. pectoralis m. 104
Tibial osteotomy 99
– tibial head 99
Torticollis 205
Torticollis, acute 185
– in child 185
Total hip replacement 15, 56, 65, 139, 215, 220, 247, 260, 296
– aseptic loosening 56
– bone cement removal 15
– cement, circulatory reaction 260
– ceramic head 215
– loosening 247
–– diagnosis 247
– revision 15
Transepiphysial fixation 101
Triple arthrodesis, foot 171
Tumor prostheses 1

Ulna pseudarthrosis 39
Ulna impingement syndrome 198
– after fracture 198
Ulnar-shortening osteotomy 198
Ultrasound examination 131